

From: <u>Harry Allen</u>
To: <u>Greg Baker</u>

Cc: Albert Venosa; Dave Wright; Eric Delgado; Gary Moore; Marc Greenberg; Nancy Jones; Terry Burton

Subject: Re: Fw: Homogenizing and subsampling large containers of Deepwater source oil and weathered oil

 Date:
 12/17/2010 08:51 PM

 Attachments:
 Region 1 Soil Sampling SOP.pdf

TVA OP-24 Drum Sampling SOP.pdf

Yes we have SOPs for this, but for some reason I can't connect at epaosc.org. Meanwhile, I think the attached SOPs from EPA Region 1 (Soil, Sediment, Haz Waste) and the TVA (drummed oil and waste) should be able to help. Coring for solid waste and full column thief sampling are important where vertical stratification is possible. Number of subsamples and number of composite samples per unit being sampled are calculated based on the expected degree of homogeneity in the unit to be sampled. Samples all need o be preserved in such a way as to preserve the LSC fingerprint if identification is the goal.

If this sampling is for disposal only, RCRA has a whole set of SOPs you can use.

Harry

PDF

PDF

Region 1 Soil Sampling SOP.pdf TVA OP-24_Drum Sampling SOP.pdf

Harry L. Allen, Ph.D. US EPA/ERT MS-101, Bldg. 18 2890 Woodbridge Ave. Edison, NJ 08837

Phone 732 321-6747 Fax 732 321-6724 Cell 609 865-4422

▼ Greg Baker ---12/17/2010 02:45:29 PM---These are two types of oil we are using for the NRDA: Source oil samples collected from vessels that

From: Greg Baker < Greg.Baker@noaa.gov > To: Eric Delgado/R6/USEPA/US@EPA

Cc: Albert Venosa/CI/USEPA/US@EPA, Harry Allen/ERT/R2/USEPA/US@EPA,

Marc Greenberg/ERT/R2/USEPA/US@EPA, Dave

Wright/ERT/R2/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, Gary

Moore/R6/USEPA/US@EPA, Terry Burton/R6/USEPA/US@EPA

Date: 12/17/2010 02:45 PM

Subject: Re: Fw: Homogenizing and subsampling large containers of

Deepwater source oil and weathered oil

These are two types of oil we are using for the NRDA: Source oil samples collected from vessels that received oil collected and pumped to the surface during the response, and Floating oil collected from skimming operations conducted by the response.

The question is whether EPA has specific protocols for ensuring the uniformity of samples collected from large containers.

Greg Baker

On 12/17/2010 6:02 AM, <u>Delgado.Eric@epamail.epa.gov</u> wrote:

Greg,

Would you please answer Al's followup question?

From: Albert Venosa

Sent: 12/17/2010 08:46 AM EST

To: Eric Delgado

Cc: Harry Allen; Marc Greenberg; Dave Wright; Nancy Jones; "Gary

Moore" <moore.gary@epa.gov>

Subject: Re: Fw: Homogenizing and subsampling large containers of

Deepwater source oil and weathered oil

The message is unclear. Are these crude oil samples or samples of sediment contaminated with crude oil? I'd like to have a large supply of DWH crude oil if that's at all possible.

AV

Albert D. Venosa, Ph.D.

Director, Land Remediation and Pollution Control Division National Risk Management Research Laboratory U.S. Environmental Protection Agency

26 W. Martin Luther King Drive

Cincinnati, OH 45268 Tel: 513-569-7668 Cell: 513-305-5328 Fax: 513-569-7620

Email: <u>venosa.albert@epa.gov</u>

-----Eric Delgado/R6/USEPA/US wrote: -----

To: Harry Allen/ERT/R2/USEPA/US@EPA, Albert

Venosa/ČI/USEPA/US@EPA, Marc

Greenberg/ERT/R2/USEPA/US@EPA, Dave

Wright/ERT/R2/USEPA/US@EPA From: Eric Delgado/R6/USEPA/US

Date: 12/16/2010 10:26PM

Cc: Nancy Jones/R6/USEPA/US@EPA, "Gary Moore"

<moore.gary@epa.gov>

Subject: Fw: Homogenizing and subsampling large containers of

Deepwater source oil and weathered oil

Calling all EPA Brainiacs....

Hey, guys I got this request from NOAA and thought you guys might be able to help. Please let me know if you are able to assist with this effort.

Thanks

Eric Delgado Federal On-Scene Coordinator US EPA Region 6 1445 Ross Ave (6SF-PR) Suite 1200 Dallas, TX 75202 214-437-9809

----Forwarded by Eric Delgado/R6/USEPA/US on 12/16/2010 09: 23PM ----

To: Eric Delgado/R6/USEPA/US@EPA

From: Greg Baker < Greg. Baker@noaa.gov>

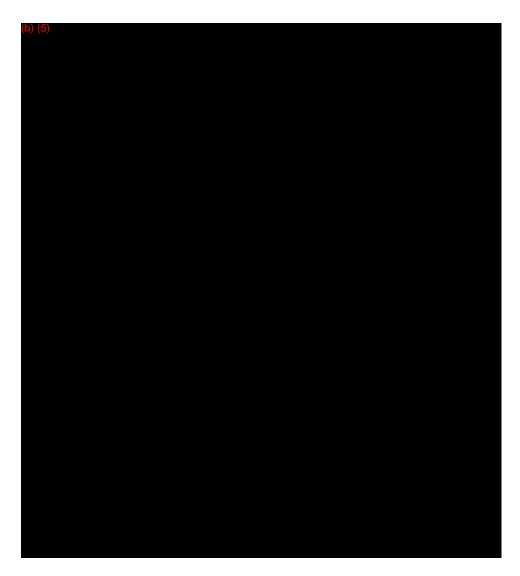
Date: 12/16/2010 05:39PM

Cc: Robert A Taylor Robert A Taylor Robert.A.Taylor@noaa.gov Subject: Homogenizing and subsampling large

containers of Deepwater source oil and weathered oil

Attorney-Client Communication





Greg Baker, NOAA